

Please add the following Abstract:

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The invention relates to a hydroelectric machine. According to the invention, the machine comprises at least one arm which can rotate around an axle, said axle having a base which is disposed at the centre of a circular tank that is filled with water. Moreover, the aforementioned arm rests on the circular track which is formed by the upper surface of the external wall of said tank, by means of non-deforming wheels. Furthermore, said arm supports an assembly comprising a pump and, downstream, a turbine which is connected to the rotor of a first electric current generator. In addition, the above-mentioned arm is solidly connected to a first sheave wheel which is in turn connected to a second sheave wheel by means of a transmission belt, the axle of said second sheave wheel being solidly connected to the rotor of a second electric current generator.--